

### Abstract

A composite fiber, which includes: 100 parts by weight of a wholly aromatic polyamide mainly including structural units of the following formulae (A) and (B):



where in the formulae (A) and (B),  $\text{Ar}^1$  and  $\text{Ar}^2$  each independently represent a bivalent aromatic group having 6 to 20 carbon atoms; and 0.01 to 100 parts by weight of carbon nanotubes with an average diameter of 300 nm or less, and an average aspect ratio of 5.0 or more, characterized in that the carbon nanotubes are oriented in the fiber axis direction. It is excellent in mechanical characteristics.